



CITY OF SUGAR LAND

Engineering Department

CIP Project Number: TR0804

Title: U.S. 59 @ S.H. 6 Geometric Improvements

Project Phase: Design/Construction Phase II

% of Phase Completion



Cost for this Phase: \$ 120,000

Funding Sources: SL Development Corp

Project Manager: Chris Steubing / David Worley

Contractor: Pfeiffer and Sons: Phase 1 (Triple Left-Turn)

Consultant: Brown and Gay

Project Description:

Add capacity to the U.S. 59 @ S.H. 6 intersection. The areas to be improved include the north and southbound S.H. 6 approaches to U.S. 59. We plan to straighten out the lane shifts that occur as drivers approach U.S. 59 on S.H. 6 from both the north and south. We will also look to add capacity to the all of the S.H. 6 turn lanes that access the 59 frontage roads. This will be accomplished through a three phase approach. The first phase will be the installation of the triple left turn at the mentioned intersection. Phase two will be straight lanes and adding storage capacity to the turn lanes. The final phase will be adding a fourth lane from Lexington to First Colony/Brooks Street.

Justification: When the intersection was constructed it was designed with a dog leg at both approaches to U.S. 59 from S.H. 6. The dog legs make drivers concentrate on the lane shift rather than on finding the appropriate lane for their destination. The current intersection geometry is also not conducive to allowing maximum capacity in the turn lanes as the over flow from the queue backs into the main lanes of S.H. 6.

Updates:

December 2008-Brown and Gay selected as design firm and contract awarded by City Council. Design has begun and survey work is currently being performed in the area of the project.

March 2009-Design plans are 60% complete and have been delivered to TxDOT for their review.

May/June 2009- Phase I: Triple left-turn design is 100% complete. Waiting on Final Permit from TxDOT and projecting to advertise in July and begin Construction in August.

Phase II: Is going to Council on June 16th for approval of services. CHRIS????

July 2009- Phase 1: Received permit from TxDOT and starting the process of advertising for low bid.

Phase II: Additional Surveying required from B&G for the land acquisition of two parcels that have a total of less then 7000 sq-ft from PCD.

August 2009- Phase I: Pfeiffer and Son have been awarded the construction contract for the Triple-Left Project. Performed kick off meeting and stressed that all work is to be performed during the late night hours per City Council direction.

Phase II: Brown & Gay are working on exhibits to acquire additional R.O.W.

September 2009- Phase I: Started construction on the triple-left. Finalized change order to perform all work during night hours.

Phase II: ROW acquisition has started with PCD. Will submit design to TxDOT for review later in October for permit.

October 2009 – Phase I: Electrical was installed and the construction of the column has begun. DMS sign was tested and approved for installation. Continue to work on the design for the message for the DMS.

Phase II: City Engineer is in the process of finalizing the right-of-way.

November 2009 – Phase I: PW has modified the following intersection along SH6: Town Center, Lexington and William Trace. These modifications are needed to manage the installation of the triple left-turns. The triple left-turn was turned on November 20th with no complications. PW is working on developing a plan to take advantage of the gains that have been made from the triple left-turn.

Phase II: The design plans have been submitted to TxDOT for permits. We met with Jim Hunt on the right-of-way process. City Engineer will handle this through TxDOT's ROW department.

December 2009 – Phase I: The construction project is complete and we continue to work with the signal timing, this task should be complete by early January.

Phase II: The land acquisition has been complete and finalizing construction contract and manual. We also received the permit from TxDOT. On schedule to put out for bid in January.

January 2010 – Phase II: Preparing to visit SLDC on February 2nd, requesting \$1.4 M for the construction. We anticipate going to bid in late February or early March.

February 2010 – Phase II: Finalizing construction plans with CIP group.

March 2010 – Phase II: Advertising for construction this month. Opening bids next month.

